

ABSTRACT OF THE DISCLOSURE

An intake air amount control apparatus for an internal combustion engine is provided with: an opening control mechanism
5 and a variable valve mechanism, which control an intake air amount; an intake characteristics change mechanism for controlling the intake air amount by adjusting a parameter or parameters different from those of the above two mechanisms; and an intake amount control device for performing a cooperative control of these
10 mechanisms upon the occurrence of any normal condition. The intake air amount control apparatus is also provided with: an abnormality detection device for detecting an abnormal condition in these three mechanisms; and a fail-safe device for controlling the intake air amount of the opening control mechanism out of these
15 three mechanisms and controlling the other two mechanism, so as to fix their control amounts to constant values.